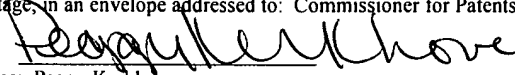


UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KITAOKA Examiner: Unknown  
Serial No.: 10/758815 Group Art: 1754  
Filed: January 16, 2004 Docket: 10873.1384US01  
Confirmation No.: 6582 Notice of Allow Date: n/a  
Due Date: n/a  
Title: METHOD OF MANUFACTURING GROUP III NITRIDE  
SUBSTRATE

CERTIFICATE UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 15, 2006.

By:   
Name: Peggy Kerkhove

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**52835**

PATENT TRADEMARK OFFICE

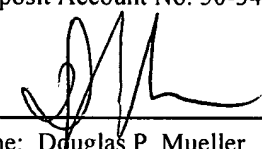
Sir:

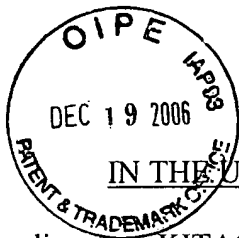
The following papers are transmitted herewith:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449, 4 references
- ☒ Other: U.S. Patent Publications for two co-pending matters
- ☒ Return Postcard

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902 Minneapolis, MN 55402-0902  
612.455-3800

By:   
Name: Douglas P. Mueller  
Reg. No.: 30,300  
Initials: DPM/pjk



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KITAOKA, et al. Examiner: Unknown  
Serial No.: 10/758,815 Group Art Unit: 1754  
Filed: January 16, 2004 Docket: 10873.1384US01  
Title: METHOD OF MANUFACTURING GROUP III NITRIDE SUBSTRATE

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 15, 2006.

By: 

Name: Peggy Kerkhove

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND

- ☐ the requisite Statement is below, AND
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

### STATEMENT

As required under §1.97(e), Applicants hereby state either that:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

- ☐ If this box is checked, Applicant provides the following:

#### Certification Under 37 C.F.R. §1.704(d)

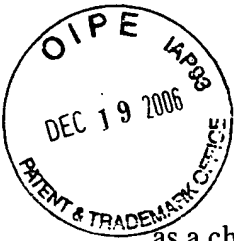
In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- ☒ The Examiner is hereby advised of the following additional co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

<u>Application No.</u>	<u>Publication No.</u>	<u>Filing Date</u>	<u>Group</u>
10/804,610	2004/0144300	July 29, 2004	1722
10/856,467	2004/0262630	December, 2004	1775

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.



### FEE AUTHORIZATION

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

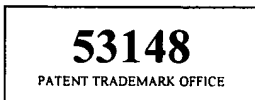
HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402-0902  
(612) 455-3800

Dated: December 15, 2006

By: \_\_\_\_\_

Douglas P. Mueller  
Reg. No. 30,300

DPM/pjk



FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

## IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

10873.1384US01

Application Number:

10/758,815

Applicant: KITAOKA et al.

Filing Date: January 16, 2004

Group Art Unit: 1754

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,121,121	September, 2000	Koide			
	2004/144300	July, 2004	Kitaoka, et al.			
	2004/262630	December, 2004	Kitaoka, et al.			
	6,614,059	September, 2003	Tsujimura, et al.			
	6,252,255	June, 2001	Ueta, et al.			
	6,447,604	September, 2002	Flynn, et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	11-145516	May, 1999	Japan				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Kozawa, et al., "Raman scattering from LO phonon-plasmon coupled modes in gallium nitride", Journal of Applied Physics, January 15, 1994, 74(2), 1098-1101 – Abstract Only
		M. Morishita, et al. "The growth mechanism of GaN singles crystals in Na flux system", Journal of the Japanese association for crystal growth, Vol. 30, No. 3 (2003), 801aA7
		M. Morishita, et al., "Growth of transparent GaN single crystals using LPE technique in Na flux system", The Japan Society of Applied Physics and Related Societies, Extended Abstracts (The 51st Spring Meeting, 2004), 29 p-YK-6

53148

PATENT TRADEMARK OFFICE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.